

ABSTRACT OF THE DISCLOSURE

A private wireless network is able to provide wireless telecommunication services to subscriber mobile stations that also subscribe to a public wireless network. The private wireless network includes a private base transceiver station (BTS), a private mobile switching center (MSC), and a gateway service control point (SCP). The private BTS provides a private network wireless coverage area within which the mobile station can communicate with the base transceiver station over an air interface. The gateway SCP has a private network database containing private network data records for subscribing mobile stations. A private network data record includes a private network service profile and a private network locator address. The public wireless network has a home location register (HLR) with a public network database containing public network data records for subscribing mobile stations. A public network data record includes a public network service profile and a public network locator address. When a subscriber mobile station is active on the private wireless network, the private network locator address identifies the private MSC, and the public network locator address identifies the gateway SCP. By providing the private network wireless coverage area so that it overlaps the public network's wireless coverage area, the subscriber mobile station may be handed off between the private and public wireless networks.